

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION
Attorney Docket No. 5646-114 (IDT Ref. 1840)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **DELAY-LOCKED LOOP (DLL) INTEGRATED CIRCUITS HAVING HIGH BANDWIDTH AND RELIABLE LOCKING CHARACTERISTICS,**

the specification of which

☒ is attached hereto

OR

☐ was filed on _____ as United States Application No. or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, §1.56, including material information that became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. I also appoint the following registered attorney(s) to represent me before all competent International Authorities in connection with any and all international applications filed by me with an appropriate receiving office claiming priority to the U.S. application. I also appoint the following registered attorney(s) to make or receive payment on my behalf in connection with the filing of such international applications.

Grant J. Scott
Registration No. 36,925

Christopher R. Novak
Registration No. 42,041

Mitchell S. Bigel
Registration No. 29,614

Robert N. Crouse
Registration No. 44,635

DECLARATION AND POWER OF ATTORNEY - CONTINUED

Timothy J. O'Sullivan
Registration No. 35,632

Robert W. Glatz
Registration No. 36,811

Robert M. Meeks
Registration No. 40,723

D. Scott Moore
Registration No. 42,011

USPTO Customer No. 20792

Send correspondence to:

Grant J. Scott
Myers Bigel Sibley & Sajovec
Post Office Box 37428
Raleigh, North Carolina 27627

Direct telephone calls to:

Grant J. Scott
(919) 854-1400

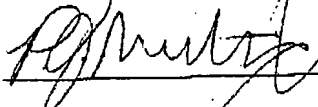
Facsimile:

(919) 854-1401

Full name of joint inventor:

Paul Murtagh

Inventor's
Signature:



Date:

16-SEPT-03

Residence:

Duluth, Georgia

Citizenship:

Australia

Post Office Address:

6115 Abbot's Bridge Road, Apt. 218
Duluth, Georgia 30097